

REVISION OF SECTION 401
LONGITUDINAL JOINTS

Section 401 of the Standard Specifications is hereby revised for this project as follows:

In subsection 401.17, delete the fourth and fifth paragraphs and replace with the following:

The longitudinal joints shall be compacted to a target density of 92 percent of the theoretical maximum specific gravity. The tolerance shall be ± 4 percent. The theoretical maximum specific gravity used to determine the joint density will be the average of the daily theoretical maximum specific gravities for the material that was placed on either side of the joint. Density (percent relative compaction) will be determined in accordance with CP 44.

The Contractor shall obtain one 6-inch diameter core at a random location within each longitudinal joint sampling section for determination of the joint density. The Contractor shall mark and drill the cores at the location directed by the Engineer and in the presence of the Engineer. The Engineer will take possession of the cores for testing. The Contractor may take additional cores at his own expense. . Coring locations shall be centered on the visible line where the joint between the two adjacent lifts abut the surface. The center of all joint cores shall be within 1 inch of this visible joint line. Core holes shall be repaired by the Contractor using materials and methods approved by the Engineer. QC and QA joint coring shall be completed within five calendar days of joint construction.

Longitudinal joint coring applies to all pavement lifts. When constructing joints in an echelon paving process, the joints shall be clearly marked to ensure consistent coring location. In small areas, such as intersections, where the Engineer prescribes paving and phasing methods, the Engineer may temporarily waive the requirement for joint density testing.